

AGE 14+

FOLDING DRONE WITH OBSTACLE AVOIDANCE  
FUNCTION OPERATING MANUAL

避障功能折叠无人机  
使用说明书

\*Please read this manual carefully before operation and keep it properly for future reference.

\*请在飞行前仔细阅读说明书并妥善保管以便日后参考。

KNOW YOUR DRONE  
认识你的无人机

The drone uses the 2.4G frequency, multiple-player can operate at the same time without interference. The drone can be controlled by remote to achieve flying, flipping, line tuning, one-key take off, one-key landing, speed control, headless mode, calibration, obstacle avoidance, camera adjustment, emergency stop, light switch and other functions.

无人机采用2.4G频段，多人同时操作互不干扰。通过遥控器可实现无人机实现飞行、翻滚、调速、一键起飞、一键降落、速度、无头模式、校正、避障、摄像头调节、急停、灯光开关等功能。

① Upper Casing 机壳上盖  
② Lower Casing 机壳下盖  
③ Propeller 机翼  
④ Arm 机臂  
⑤ Battery 电池  
⑥ Motor 电机  
⑦ Camera 摄像头

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ACCESSORIES 配件表

DRONE x1 (Battery included)  
无人机 x1 (含电池)

Remote Control x1  
遥控器 x1

Backup Propellers A&2 B&2  
备用机翼 A&2 B&2

Protective Guard x4  
防护架 x4

Screwdriver x1  
十字螺丝刀 x1

USB Charger x1  
USB充电器 x1

User Manual x1  
说明书 x1

WiFi manual x1  
WiFi说明书 x1

Notes 注意:

Please check the number of accessories carefully (as shown above). Please provide proof of purchase and contact the store for replacement if any missing parts.

请仔细清点各配件及数量（如配件表），如果发现不一致，请提供购买凭证，及时联系客服商家补换货。

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OPTIONAL ACCESSORIES LIST  
可另购配件表

Propellers 风叶

Launch board 发射板

Motor 电机

Receiving board 接收板

Upper Casing 机身上盖

Lower Casing 机身下盖

Battery 电池

Protective Guard 护架

Notes 注意:

If any of the above accessories are damaged during operation, you can contact the seller to purchase.

操作过程中，如有以上配件损坏，可自行联系卖家购买。

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PRE-FLIGHT PREPARATION  
飞行前准备

1. FLIGHT ENVIRONMENT 选择飞行环境

Indoor: Spacious spaces away from barriers, crowds or pets are preferred. In indoor flight, please choose areas without people, crowds and pets.

室外: Sunny, windless and breezy weathers are preferred. In outdoor flight, please choose areas without people, crowds and pets.

Please keep the drone in sight during the flight and keep it away from barriers, high-tension cables, trees and people. Flight time should be within the range of line of sight, and avoid obstacles, high voltage, trees, people.

请勿在视线范围之外飞行，如过热、过热、强风、暴雨等。

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2. OPEN THE WINGS 打开机翼  
OPENING STEPS 打开机翼顺序:

① Open the front camera to camera  
先打开前摄像头。（摄像头朝前）

② Open the back camera  
Fold the back arm firstly and then the front arm when folding the wings. When opening the wings, the arms should be unfolded.

3. ASSEMBLING PROTECTIVE GUARD 防护架安装

Align the protective frame with the arm and install it (Figure 2), press it until it is in place, and then press the position (Figure 2) up to fasten the protective frame.

将防护架对准机臂安装（图2），按压到位（图2）位置上下和紧实安装。

4. ASSEMBLING PROPELLERS 风叶安装

Align the blades with the motor shaft and install them (the arm identification must be consistent with the blade identification). Tighten the screws clockwise.

将风叶对准电机轴安装上机臂标识与风叶标识一致，顺时针拧紧螺丝。

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5. BATTERY CHARGING FOR DRONE  
机身充电方法

A. Remove the lithium battery from the bottom of the drone. Press the arrow position. Pull the battery outwards, remove the battery.

B. The USB charging cable connects the battery to the USB power port. USB charging cable connects the battery to the USB power port.

Notes 注意:

LED lights on when charging and red light turn off when full charging completes. Charging time is about 150 minutes. Charge until the LED light is on, and the LED light is off.

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⚠ BATTERY INSTRUCTIONS 电池使用注意

There is a certain risk when using lithium battery. It may cause fire, body injury or property loss. Users must be aware of the risks and take full responsibility of using battery properly.

使用锂电池存在一定的风险，可能会导致火灾、人身伤害或财产损失。用户必须意识到风险，并正确使用锂电池，并承担相应的责任。

1. Battery leakage and short circuit: Please avoid touching your eyes or skin with electrode. Once it happens, please wash your eyes with clean water and seek medical care immediately.

如发生电池漏液、短路等情况，请立即停止使用，并用清水冲洗眼睛，并及时就医。

2. Battery charging: Please use the original charger to ensure your safe usage. Please use the original charger to ensure your safe usage.

充电时请使用原装充电器，请勿使用其他充电器，以确保安全。

3. Battery disposal: Please do not throw the battery into fire or water. Please dispose of the battery properly.

请勿将电池投入火中或水中，请妥善处理电池。

4. Battery recycling: Please recycle the battery properly. Please dispose of the battery properly.

请回收电池，请勿随意丢弃。

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KNOW YOUR REMOTE CONTROL  
认识你的遥控器

1. Parts of remote control 遥控器各部位名称

Standard version/Obstacle avoidance version  
普通版/避障版

① High-Speed Forward 高速前进  
② High-Speed Backward 高速后退  
③ High-Speed Left 高速左转  
④ High-Speed Right 高速右转  
⑤ One-key Landing 一键降落  
⑥ One-key Take-off 一键起飞

LITHIUM BATTERY INSTRUCTION  
电池安装及充电方法

① Open the remote control battery cover  
遥控器电池盖的开启

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① Remote control battery installation  
遥控器电池的安装

A. batteries  
3 AA batteries

Open the battery cover and insert the 3 AA batteries correctly according to the electrode instructions. Batteries not included! Turn on the battery. Refer to the electrode instructions for 3 AA batteries. (Battery connection)

Notes 注意:

1. Make sure the battery is loaded correctly according to the polarity.

2. Please do not mix old and new batteries together.

3. Please do not mix different types of batteries together.

4. Insert the battery correctly according to the polarity.

5. Do not mix old and new batteries together.

6. Do not mix different types of batteries together.

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TRANSMITTER CALIBRATION 遥控器校准

Apply transmitter calibration when the drone fails to take off vertically.

Standard version/Obstacle avoidance version  
普通版/避障版

1. Make sure the battery is loaded correctly according to the polarity.

2. Please do not mix old and new batteries together.

3. Please do not mix different types of batteries together.

4. Insert the battery correctly according to the polarity.

5. Do not mix old and new batteries together.

6. Do not mix different types of batteries together.

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START YOUR FLIGHT 开始飞行

1. One-key Ascend 一键起飞

Press the "One-key Ascend" button, the drone blades rotate and automatically fly to a height of 1.5 meters.

按下“一键起飞”按键，无人机机翼转动，自动飞到1.5米的高度。

2. Basic Flight 基本飞行

Use the left joystick to control the flight altitude and turn left/right, and the right joystick to control the forward, backward, left and right side flight directions.

左摇杆控制飞行高度与左右转向，右摇杆控制前进、后退以及左右侧飞行方向。

Left joystick 左摇杆

Right joystick 右摇杆

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Obstacle Avoidance Mode 避障模式

The obstacle avoidance function is only available when you purchase the obstacle avoidance version.

避障模式（购买避障版才有避障功能）

1. When the drone is in the obstacle avoidance mode, the speed will slow down and the first gear control will be turned on. Therefore, it is recommended to fly indoors when the obstacle avoidance mode is turned on.

2. When the drone is in the obstacle avoidance mode, the speed will slow down and the first gear control will be turned on. Therefore, it is recommended to fly indoors when the obstacle avoidance mode is turned on.

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Headless Mode 无头模式

The flight direction of the drone is subjected to the direction of remote control.

当无人机对头模式，无人机的飞行方向将受到遥控器的控制。

1. When the drone is in the headless mode, the speed will slow down and the first gear control will be turned on. Therefore, it is recommended to fly indoors when the headless mode is turned on.

2. When the drone is in the headless mode, the speed will slow down and the first gear control will be turned on. Therefore, it is recommended to fly indoors when the headless mode is turned on.

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When the drone is suspended in a certain direction, it can be adjusted by the remote control.

① Forward/Backward Fine-tuning  
② Left/Right Side Fly Fine-tuning  
③ Left/Right Side Fly Fine-tuning

Notes 注意:

When the drone is within 30cm from the ground, it will be affected by the blade vortex made by itself and become unstable. This is a "ground effect". The lower the drone is, the greater the effect will be.

当地效效应：指当无人机飞行高度低，地面效应影响较大。当无人机在距离地面30cm以内的位置，无人机会受到自身机翼产生的气流影响而变得不稳定。

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FAQ 遇到问题不用慌

PROBLEMS 问题	CAUSES 原因	SOLUTIONS 处理方法
Control failure 遥控失灵	Not connect with the quadcopter battery 无人机没电或没连接	Connect the quadcopter battery in right way. 将无人机电池正确连接
	Too strong wind force 风力太大	Do not fly in windy days. The performance and the control of the quadcopter will be affected by the strong winds.
	The rotation speed of main blades is too slow 螺旋桨转速太慢	Push up the throttle joystick. 将油门杆向上推
	The battery of the quadcopter is not fully charged 无人机电量没充满	Please fully charge the quadcopter. 将无人机电量充满
	The throttle stick is pulled down too fast 油门杆拉得太快	Push down the throttle stick slowly to perform a smooth landing. 缓慢拉下油门杆让无人机平稳降落
	Beyond the effective controlling distance 超出有效控制距离	Ensure operation within the controlling distance. Remote control of 100 meters and WiFi control of 40-50 meters. 确保操作在有效控制距离内。WiFi控制距离在40-50米。

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FCC Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: Reorient or relocate the receiving antenna.

1. Increase the separation between the equipment and receiver.

2. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

3. Consult the dealer or an experienced radio/TV technician for help.

Cautions to this device not explicitly approved by manufacturer could Cause:

Any changes or modivoid your authority to operate this equipment. RF Exposure Information

The device has been evaluated to meet general RF exposure requirement.

The device can be used in portable exposure condition without restriction.